



Made In The U.S.A

T90 COPPER CONDUCTOR 600V

CSA C22.2 NO.75/ CSA FILE NUMBER - 249025

SIZE (AWG)	STRANDING	INSULATION THICKNESS OF PVC (MM) - (IN)		INSULATION THICKNESS OF NYLON (MM) - (IN)		OVERALL DIAMETER (MM) - (IN)		WEIGHT PER 1000' (Kg) - (Lbs)		AMPACITY AT 90c
14	SOLID	0.381	0.015	0.1016	0.004	2.655	0.101	6.89	15.2	15
12	SOLID	0.381	0.015	0.1016	0.004	3.02	0.119	10.61	23.4	20
10	SOLID	0.508	0.020	0.1016	0.004	3.81	0.150	16.32	36	30
14	19	0.381	0.015	0.1016	0.004	2.77	0.109	7.71	17	15
12	19	0.381	0.015	0.1016	0.004	3.30	0.130	10.88	24	20
10	19	0.508	0.20	0.1016	0.004	4.14	0.163	17.41	38.4	30
8	19	0.762	0.030	.1270	0.005	5.41	0.213	29.48	65	55
6	19	0.762	0.030	.1270	0.005	6.32	0.249	44.45	98	75
4	19	1.016	0.040	0.1524	0.006	8.30	0.326	69.85	154	95
3	19	1.016	0.040	0.1524	0.006	8.81	0.347	86.63	191	110
2	19	1.016	0.040	0.1524	0.006	9.60	0.378	106.14	234	130
1	19	1.270	0.050	0.1778	0.007	11.04	0.435	138.34	305	150
1/0	19	1.270	0.050	0.1778	0.007	12.03	0.474	172.36	380	170
2/0	19	1.270	0.050	0.1778	0.007	13.15	0.518	213.18	470	195
3/0	19	1.270	0.050	0.1778	0.007	14.30	0.563	254.01	560	225
4/0	19	1.270	0.050	0.1778	0.007	15.87	0.625	317.51	700	260
250	37	1.524	0.060	0.2032	0.008	17.37	0.684	390.08	860	290
300	37	1.524	0.060	0.2032	0.008	18.94	0.746	462.66	1020	320
350	37	1.524	0.060	0.2032	0.008	20.24	0.797	517.09	1140	350
400	37	1.524	0.060	0.2032	0.008	21.28	0.838	585.13	1290	380
500	37	1.524	0.060	0.2032	0.008	23.24	0.915	730.28	1610	430

All values are nominal and subject to correction

* Ampacities for not more than three conductors in raceway, based on ambient temperature of 30c per Table 310-16 of the 2005

National Electric Code (NFTA 70-1990)

APPLICATION: T90 cables are primarily used for power distribution, intended for installation in conduit (raceways) or as exposed wiring in dry and damp locations.
The Maximum voltage for intended use is 600 volts.

CONDUCTORS: T90 conductor is a compact soft drawn bare copper, with Class B stranding per ASTM

INSULATION: T90 has abrasion, heat and moisture resistant PVC poly-vinyl chloride insulation

STANDARDS: T90 meets or exceeds the following standards:
 CUL T90, TWN75 rated
 Requirements of the Canadian Electrical Code
 ASTM standards
 Sunlight Resistant
 Oil and Gasoline Resistant VW-1 rated